

Backup Recovery—Avamar

Benefits any storage professional who deploys and manages data deduplication technology using EMC Avamar.

You will learn to configure EMC Avamar in backup and recovery environments to reduce storage, network, and other backup resource requirements.

Prepare for your Specialist-level Storage Administrator Backup Recovery—Avamar Certification.



Certification Alignment

Expert	N/A
Specialist	E20-598 Exam
Associate	E20-005 or E10-001* or E20-001

*E10-001 exam is aligned to ISM v2 and E20-001 exam is aligned to ISM. For more details, see page 9.

Courses

Course Objectives



EMC Avamar Administration

Avamar fundamentals, Avamar administration, Avamar backups, Avamar restores, using enterprise manager and replication, system monitoring and maintenance, logs, troubleshooting, and reporting

- Describe the Avamar advantage over traditional backup systems
- Define Avamar terminology
- Describe Avamar system components and processes
- Describe the Avamar deduplication backup process
- Install Avamar Administrator and Client software
- Create a group policy
- Run on-demand backups from the Avamar Administrator and Avamar Client interfaces
- Restore files using Avamar Administrator and client interfaces
- Describe the types of Avamar replication and configure Avamar standard replication
- Configure and use Avamar Activation Manager and Desktop/Laptop interfaces
- Describe Avamar server daily maintenance activities: checkpoints, HFS checks, and garbage collection
- Use Avamar tools to perform system monitoring, maintenance, capacity management, and troubleshooting

The Instructor-Led Course above is supported by the following e-Learning prerequisites:



EMC Avamar Overview

Avamar fundamentals, Avamar backups and restores, maintaining, monitoring, and reporting

- Describe Avamar features and architecture
- Describe the Avamar backup and restore process
- Explain how to perform backups and restores
- Describe Avamar maintenance activities
- Describe Avamar monitoring and reporting capabilities



EMC Avamar Virtual Edition Overview

EMC Avamar fundamentals, EMC Avamar editions, EMC Avamar virtual edition installation

- Describe EMC Avamar features and architecture
- Discuss EMC Avamar server configurations
- Describe EMC Avamar Virtual Edition solution installation
- Discuss differences between EMC Avamar Virtual Edition and Data Store Edition

Additional Courses

Course Objectives



EMC Avamar Integration and Performance Management

Configuring Operational Best Practices, Performance Management, Avamar Integration with EMC NetWorker, with Data Domain, with Microsoft Applications, with Databases, and with NDMP, Virtual Environments, Avamar Tape-out Options

- Describe Avamar client, initialization, and security best practices
- Install, configure, and run backups and restores of supported database applications, NDMP appliances, and VMware environments
- Install, configure, and run backups and restores in environments integrated with NetWorker and Data Domain
- Describe recommended practices for Avamar performance management including sizing client caches and recovering from server capacity issues



EMC Avamar 6.0 Differences

Avamar Gen4 overview, installation and server enhancements, Data Domain integration, exchange client enhancements, SharePoint client enhancements, other client enhancements

- Describe changes to Avamar Data Store in Gen4
- Describe Avamar server enhancements
- Describe Avamar Installation changes
- Describe Avamar integration with Data Domain systems
- Describe enhancements made to the Avamar Exchange, SharePoint, and other clients



Avamar Data Transport Management

ADT Fundamentals, ADT Administration

- Describe Avamar Data Transport features and system components
- Explain ADT transport and restore operations, sizing and design practices, administration activities, and ADT monitoring and reporting capabilities



Instructor-Led Training



Online ILT



Video-ILT (VILT)



e-Learning

Purchase Options



EMC Avamar Administration ValuePak

CE-AVAXIADMIN \$3,300 or (33 TU)

Includes one Instructor-Led or one Online ILT and two self-paced e-Learning courses.



EMC Avamar Administration Video ValuePak

CE-VIDVPKAV \$1,800 or (18 TU)

Includes one Video-ILT and two self-paced e-Learning courses.



EMC Avamar Differences Course

CE-DiffAvamar \$1,000 or (10 TU)

Includes one Online ILT course.